

Australian/New Zealand Standard®

**ISO metric hexagon socket set
screws**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME/29, Fasteners. It was approved on behalf of the Council of Standards Australia on 6 March 1996 and on behalf of the Council of Standards New Zealand on 18 March 1996. It was published on 5 July 1996.

The following interests are represented on Committee ME/29:

Australian Chamber of Commerce and Industry
Bureau of Steel Manufacturers of Australia
Electricity Supply Association of Australia
Fasteners Institute of Australia
Federal Chamber of Automotive Industries
Metal Building Products Manufacturers Association
Metal Trades Industry Association of Australia
New Zealand Manufacturers Federation

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ISO metric hexagon socket set screws

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee on Fasteners to supersede AS 1421—1973, *ISO metric hexagon socket set screws* and the following Standards in New Zealand:

NZS/BS

- 4168 Hexagon socket screws and wrench keys: metric series
- 4168.2:1981 Part 2: Specification for hexagon socket set screws with flat point
- 4168.3:1981 Part 3: Specification for hexagon socket set screws with cone point
- 4168.4:1981 Part 4: Specification for hexagon socket set screws with dog point
- 4168.5:1981 Part 5: Specification for hexagon socket set screws with cup point

Major changes incorporated in this edition include the following:

- (a) Updating of dimensions and mechanical properties to align with the relevant ISO documents.
- (b) Updating of reference documents.
- (c) Replacement of detailed requirements for materials, mechanical properties and test procedures for steel hexagon socket set screws with references to a separate Standard.
- (d) Inclusion of a reference to SAA HB18.22/SNZ HB18.22 in relation to a manufacturer's declaration of conformity. The Handbook contains a definition of manufacturer and includes an example of a declaration of conformity which may be provided to a customer.

This Standard is based on the following ISO Standards:

ISO

- 4026:1993 Hexagon socket set screws with flat point
- 4027:1993 Hexagon socket set screws with cone point
- 4028:1993 Hexagon socket set screws with dog point
- 4029:1993 Hexagon socket set screws with cup point

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

The term 'informative' has been used in this Standard to define the application of the appendices. An 'informative' appendix is for information and guidance.

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CONTENTS

	<i>Page</i>
1 SCOPE	4
2 REFERENCED DOCUMENTS	4
3 DEFINITIONS	4
4 METHOD OF MANUFACTURE	4
5 SHAPE, DIMENSIONS AND FINISH	5
6 MATERIALS AND MECHANICAL PROPERTIES OF STEEL HEXAGON SOCKET SET SCREWS	13
7 TEST METHODS FOR STEEL HEXAGON SOCKET SET SCREWS	13
8 MARKING	13
9 DESIGNATION	13
APPENDIX A A SUGGESTED SAMPLING PLAN FOR MECHANICAL PROPERTIES	14

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